

ABSTRACT

A pilot reception power measuring section 104 measures reception power of a pilot symbol and a data
5 section reception power prediction section 106 predicts reception power of data symbols based on the reception power of the pilot symbol. A power comparison section 107 calculates a difference between this predicted value and the actual reception power of the data symbol, and
10 when the difference is large, a collision position detection section 108 regards the data symbol at the hopping position as colliding with data symbols in other cells. Then, an error correcting decoding section 103 carries out error correcting processing by reducing
15 likelihood of the data symbols detected to be involved in the collision and can thereby improve the error rate characteristic of decoded data.